

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/856,679

CRF Processing Date: 3/14/2002

Edited by: AL

Verified by: _____ (STIC staff)

ENTERED

#6

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☒ Corrected an obvious error in the response, specifically: L1507 and L1517 response
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



#6

PCT09

RAW SEQUENCE LISTING

DATE: 03/14/2002

PATENT APPLICATION: US/09/856,679

TIME: 19:22:25

Input Set : A:\es.txt

Output Set: N:\CRF3\03142002\I856679.raw

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 5 HILLMAN, Jennifer L.
 6 TANG, Y. Tom
 7 BANDMAN, Olga
 8 LAL, Preeti
 9 YUE, Henry
 10 LU, Dyung Aina M.
 11 BAUGHN, Mariah R.
 12 YANG, Junming
 13 AZIMZAI, Yalda
 15 <120> TITLE OF INVENTION: GTPASE ASSOCIATED PROTEINS
 17 <130> FILE REFERENCE: PF-0629 PCT
 C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/856,679
 C--> 20 <141> CURRENT FILING DATE: 2002-01-23
 22 <150> PRIOR APPLICATION NUMBER: 60/109,592
 23 <151> PRIOR FILING DATE: 1998-11-23
 25 <150> PRIOR APPLICATION NUMBER: 60/118,610
 26 <151> PRIOR FILING DATE: 1999-02-04
 28 <150> PRIOR APPLICATION NUMBER: 60/127,990
 29 <151> PRIOR FILING DATE: 1999-04-06
 32 <160> NUMBER OF SEQ ID NOS: 58
 34 <170> SOFTWARE: PERL Program
 36 <210> SEQ ID NO: 1
 37 <211> LENGTH: 1002
 38 <212> TYPE: PRT
 39 <213> ORGANISM: Homo sapiens
 41 <220> FEATURE:
 42 <221> NAME/KEY: misc_feature
 43 <223> OTHER INFORMATION: Incyte ID No: 708398CD1
 45 <400> SEQUENCE: 1
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 47 1 5 10 15
 48 Cys Phe Glu Ser Phe Leu Val Val Arg Gly Leu Asp Met Glu Thr
 49 20 25 30
 50 Asp Arg Glu Arg Leu Arg Thr Ile Tyr Asn Arg Asp Phe Lys Ile
 51 35 40 45
 52 Ser Phe Gly Thr Pro Ala Pro Gly Phe Ser Ser Met Leu Tyr Gly
 53 50 55 60
 54 Met Lys Ile Ala Asn Leu Ala Tyr Val Thr Lys Thr Arg Val Arg
 55 65 70 75
 56 Phe Phe Arg Leu Asp Arg Trp Ala Asp Val Arg Phe Pro Glu Lys
 57 80 85 90
 58 Arg Arg Met Lys Leu Gly Ser Asp Ile Ser Lys His His Lys Ser

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,679

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TIME: 19:22:25

Input Set : A:\es.txt

Output Set: N:\CRF3\03142002\I856679.raw

59	95	100	105
60	Leu Leu Ala Lys Ile Phe Tyr Asp Arg	Ala Glu Tyr Leu His Gly	
61	110	115	120
62	Lys His Gly Val Asp Val Glu Val Gln	Gly Pro His Glu Ala Arg	
64	125	130	135
65	Asp Gly Gln Leu Leu Ile Arg Leu Asp	Leu Asn Arg Lys Glu Val	
66	140	145	150
67	Leu Thr Leu Arg Leu Arg Asn Gly Gly	Thr Gln Ser Val Thr Leu	
68	155	160	165
69	Thr His Leu Phe Pro Leu Cys Arg Thr	Pro Gln Phe Ala Phe Tyr	
70	170	175	180
71	Asn Glu Asp Gln Glu Leu Pro Cys Pro	Leu Gly Pro Gly Glu Cys	
72	185	190	195
73	Tyr Glu Leu His Val His Cys Lys Thr	Ser Phe Val Gly Tyr Phe	
74	200	205	210
75	Pro Ala Thr Val Leu Trp Glu Leu Leu	Gly Pro Gly Glu Ser Gly	
76	215	220	225
77	Ser Glu Gly Ala Gly Thr Phe Tyr Ile	Ala Arg Phe Leu Ala Ala	
78	230	235	240
79	Val Ala His Ser Pro Leu Ala Ala Gln	Leu Lys Pro Met Thr Pro	
80	245	250	255
81	Phe Lys Arg Thr Arg Ile Thr Gly Asn	Pro Val Val Thr Asn Arg	
82	260	265	270
83	Ile Glu Glu Gly Glu Arg Pro Asp Arg	Ala Lys Gly Tyr Asp Leu	
84	275	280	285
85	Glu Leu Ser Met Ala Leu Gly Thr Tyr	Tyr Pro Pro Pro Arg Leu	
86	290	295	300
87	Arg Gln Leu Leu Pro Met Leu Leu Gln	Gly Thr Ser Ile Phe Thr	
88	305	310	315
89	Ala Pro Lys Glu Ile Ala Glu Ile Lys	Ala Gln Leu Glu Thr Ala	
90	320	325	330
91	Leu Lys Trp Arg Asn Tyr Glu Val Lys	Leu Arg Leu Leu Leu His	
92	335	340	345
93	Leu Glu Glu Leu Gln Met Glu His Asp	Ile Arg His Tyr Asp Leu	
94	350	355	360
95	Glu Ser Val Pro Met Thr Trp Asp Pro	Val Asp Gln Asn Pro Arg	
96	365	370	375
97	Leu Leu Thr Leu Glu Val Pro Gly Val	Thr Glu Ser Arg Pro Ser	
98	380	385	390
99	Val Leu Arg Gly Asp His Leu Phe Ala	Leu Leu Ser Ser Glu Thr	
100	395	400	405
101	His Gln Glu Asp Pro Ile Thr Tyr Lys	Gly Phe Val His Lys Val	
102	410	415	420
103	Glu Leu Asp Arg Val Lys Leu Ser Phe	Ser Met Ser Leu Leu Ser	
104	425	430	435
105	Arg Phe Val Asp Gly Leu Thr Phe Lys	Val Asn Phe Thr Phe Asn	
106	440	445	450
107	Arg Gln Pro Leu Arg Val Gln His Arg	Ala Leu Glu Leu Thr Gly	
108	455	460	465

RAW SEQUENCE LISTING

DATE: 03/14/2002

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TIME: 19:22:25

Input Set : A:\es.txt

Output Set: N:\CRF3\03142002\I856679.raw

109	Arg	Trp	Leu	Leu	Trp	Pro	Met	Leu	Phe	Pro	Val	Ala	Pro	Arg	Asp
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111	Val	Pro	Leu	Leu	Pro	Ser	Asp	Val	Lys	Leu	Lys	Leu	Tyr	Asp	Arg
112					485					490					495
113	Ser	Leu	Glu	Ser	Asn	Pro	Glu	Gln	Leu	Gln	Ala	Met	Arg	His	Ile
114					500					505					510
115	Val	Thr	Gly	Thr	Thr	Arg	Pro	Ala	Pro	Tyr	Ile	Ile	Phe	Gly	Pro
116					515					520					525
117	Pro	Gly	Thr	Gly	Lys	Thr	Val	Thr	Leu	Val	Glu	Ala	Ile	Lys	Gln
118					530					535					540
120	Val	Val	Lys	His	Leu	Pro	Lys	Ala	His	Ile	Leu	Ala	Cys	Ala	Pro
121					545					550					555
122	Ser	Asn	Ser	Gly	Ala	Asp	Leu	Leu	Cys	Gln	Arg	Leu	Arg	Val	His
123					560					565					570
124	Leu	Pro	Ser	Ser	Ile	Tyr	Arg	Leu	Leu	Ala	Pro	Ser	Arg	Asp	Ile
125					575					580					585
126	Arg	Met	Val	Pro	Glu	Asp	Ile	Lys	Pro	Cys	Cys	Asn	Trp	Asp	Ala
127					590					595					600
128	Lys	Lys	Gly	Glu	Tyr	Val	Phe	Pro	Ala	Lys	Lys	Lys	Leu	Gln	Glu
129					605					610					615
130	Tyr	Arg	Val	Leu	Ile	Thr	Thr	Leu	Ile	Thr	Ala	Gly	Arg	Leu	Val
131					620					625					630
132	Ser	Ala	Gln	Phe	Pro	Ile	Asp	His	Phe	Thr	His	Ile	Phe	Ile	Asp
133					635					640					645
134	Glu	Ala	Gly	His	Cys	Met	Glu	Pro	Glu	Ser	Leu	Val	Ala	Ile	Ala
135					650					655					660
136	Gly	Leu	Met	Glu	Val	Lys	Glu	Thr	Gly	Asp	Pro	Gly	Gly	Gln	Leu
137					665					670					675
138	Val	Leu	Ala	Gly	Asp	Pro	Arg	Gln	Leu	Gly	Pro	Val	Leu	Arg	Ser
139					680					685					690
140	Pro	Leu	Thr	Gln	Lys	His	Gly	Leu	Gly	Tyr	Ser	Leu	Leu	Glu	Arg
141					695					700					705
142	Leu	Leu	Ile	Tyr	Asn	Ser	Leu	Tyr	Lys	Lys	Gly	Pro	Asp	Gly	Tyr
143					710					715					720
144	Asp	Pro	Gln	Phe	Ile	Thr	Lys	Leu	Leu	Arg	Asn	Tyr	Arg	Ser	His
145					725					730					735
146	Pro	Thr	Ile	Leu	Asp	Ile	Pro	Asn	Gln	Leu	Tyr	Tyr	Glu	Gly	Glu
147					740					745					750
148	Leu	Gln	Ala	Cys	Ala	Asp	Val	Val	Asp	Arg	Glu	Arg	Phe	Cys	Arg
149					755					760					765
150	Trp	Ala	Gly	Leu	Pro	Arg	Gln	Gly	Phe	Pro	Ile	Ile	Phe	His	Gly
151					770					775					780
152	Val	Met	Gly	Lys	Asp	Glu	Arg	Glu	Gly	Asn	Ser	Pro	Ser	Phe	Phe
153					785					790					795
154	Asn	Pro	Glu	Glu	Ala	Ala	Thr	Val	Thr	Ser	Tyr	Leu	Lys	Leu	Leu
155					800					805					810
156	Leu	Ala	Pro	Ser	Ser	Lys	Lys	Gly	Lys	Ala	Arg	Leu	Ser	Pro	Arg
157					815					820					825
158	Ser	Val	Gly	Val	Ile	Ser	Pro	Tyr	Arg	Lys	Gln	Val	Glu	Lys	Ile

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,679

DATE: 03/14/2002

TIME: 19:22:25

Input Set : A:\es.txt

Output Set: N:\CRF3\03142002\I856679.raw

159	830	835	840
160 Arg Tyr Cys Ile Thr Lys Leu Asp Arg Glu Leu Arg Gly Leu Asp			
161	845	850	855
162 Asp Ile Lys Asp Leu Lys Val Gly Ser Val Glu Glu Phe Gln Gly			
163	860	865	870
164 Gln Glu Arg Ser Val Ile Leu Ile Ser Thr Val Arg Ser Ser Gln			
165	875	880	885
166 Ser Phe Val Gln Leu Asp Leu Asp Phe Asn Leu Gly Phe Leu Lys			
167	890	895	900
168 Asn Pro Lys Arg Phe Asn Val Ala Val Thr Arg Ala Lys Ala Leu			
169	905	910	915
170 Leu Ile Ile Val Gly Asn Pro Leu Leu Leu Gly His Asp Pro Asp			
171	920	925	930
172 Trp Lys Val Phe Leu Glu Phe Cys Lys Glu Asn Gly Gly Tyr Thr			
173	935	940	945
174 Gly Cys Pro Phe Pro Ala Lys Leu Asp Leu Gln Gln Gly Gln Asn			
176	950	955	960
177 Leu Leu Gln Gly Leu Ser Lys Leu Ser Pro Ser Thr Ser Gly Pro			
178	965	970	975
179 His Ser His Asp Tyr Leu Pro Gln Glu Arg Glu Gly Glu Gly Gly			
180	980	985	990
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182	995	1000	
185 <210> SEQ ID NO: 2			
186 <211> LENGTH: 338			
187 <212> TYPE: PRT			
188 <213> ORGANISM: Homo sapiens			
190 <220> FEATURE:			
191 <221> NAME/KEY: misc_feature			
192 <223> OTHER INFORMATION: Incyte ID No: 1259937CD1			
194 <400> SEQUENCE: 2			
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196 1 5 10 15			
197 Leu Val Lys Val Asn Ser Ala Gly Asp Ala Ile Gly Leu Gln Pro			
198 20 25 30			
199 Asp Ala Arg Gly Val Ala Thr Ser Leu Gly Leu Asn Glu Arg Leu			
200 35 40 45			
201 Phe Val Val Asn Pro Gln Glu Val His Glu Leu Ile Pro His Pro			
202 50 55 60			
203 Asp Gln Leu Gly Pro Thr Val Gly Ser Ala Glu Gly Leu Asp Leu			
204 65 70 75			
205 Val Ser Ala Lys Asp Leu Ala Gly Gln Leu Thr Asp His Asp Trp			
206 80 85 90			
207 Ser Leu Phe Asn Ser Ile His Gln Val Glu Leu Ile His Tyr Val			
208 95 100 105			
209 Leu Gly Pro Gln His Leu Arg Asp Val Thr Thr Ala Asn Leu Glu			
210 110 115 120			
211 Arg Phe Met Arg Arg Phe Asn Glu Leu Gln Tyr Trp Val Ala Thr			
212 125 130 135			

RAW SEQUENCE LISTING

DATE: 03/14/2002

PATENT APPLICATION: US/09/856,679

TIME: 19:22:25

Input Set : A:\es.txt

Output Set: N:\CRF3\03142002\I856679.raw

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213 Glu Leu Cys Leu Cys Pro Val Pro Gly Pro Arg Ala Gln Leu Leu
214          140          145          150
215 Arg Lys Phe Ile Lys Leu Ala Ala His Leu Lys Glu Gln Lys Asn
216          155          160          165
217 Leu Asn Ser Phe Phe Ala Val Met Phe Gly Leu Ser Asn Ser Ala
218          170          175          180
219 Ile Ser Arg Leu Ala His Thr Trp Glu Arg Leu Pro His Lys Val
220          185          190          195
221 Arg Lys Leu Tyr Ser Ala Leu Glu Arg Leu Leu Asp Pro Ser Trp
222          200          205          210
223 Asn His Arg Val Tyr Arg Leu Ala Leu Ala Lys Leu Ser Pro Pro
224          215          220          225
225 Val Ile Pro Phe Met Pro Leu Leu Leu Lys Asp Met Thr Phe Ile
226          230          235          240
227 His Glu Gly Asn His Thr Leu Val Glu Asn Leu Ile Asn Phe Glu
228          245          250          255
229 Lys Met Arg Met Met Ala Arg Ala Ala Arg Met Leu His His Cys
230          260          265          270
232 Arg Ser His Asn Pro Val Pro Leu Ser Pro Leu Arg Ser Arg Val
233          275          280          285
234 Ser His Leu His Glu Asp Ser Gln Val Ala Arg Ile Ser Thr Cys
235          290          295          300
236 Ser Glu Gln Ser Leu Ser Thr Arg Ser Pro Ala Ser Thr Trp Ala
237          305          310          315
238 Tyr Val Gln Gln Leu Lys Val Ile Asp Asn Gln Arg Glu Leu Ser
239          320          325          330
240 Arg Leu Ser Arg Glu Leu Glu Pro
241          335
244 <210> SEQ ID NO: 3
245 <211> LENGTH: 211
246 <212> TYPE: PRT
247 <213> ORGANISM: Homo sapiens
249 <220> FEATURE:
250 <221> NAME/KEY: misc_feature
251 <223> OTHER INFORMATION: Incyte ID No: 1452285CD1
253 <400> SEQUENCE: 3
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255   1          5          10          15
256 Gly Asp Leu Gly Val Gly Lys Thr Ser Ile Ile Lys Arg Tyr Val
257          20          25          30
258 His Gln Asn Phe Ser Ser His Tyr Arg Ala Thr Ile Gly Val Asp
259          35          40          45
260 Phe Ala Leu Lys Val Leu His Trp Asp Pro Glu Thr Val Val Arg
261          50          55          60
262 Leu Gln Leu Trp Asp Ile Ala Gly Gln Glu Arg Phe Gly Asn Met
263          65          70          75
264 Thr Arg Val Tyr Tyr Arg Glu Ala Met Gly Ala Phe Ile Val Phe
265          80          85          90
266 Asp Val Thr Arg Pro Ala Thr Phe Glu Ala Val Ala Lys Trp Lys

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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/856,679

DATE: 03/14/2002
TIME: 19:22:26

Input Set : A:\es.txt
Output Set: N:\CRF3\03142002\I856679.raw

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:34; N Pos. 1708,1711,1713,1715
Seq#:46; N Pos. 96,97,99,3070,3071,3072,3074,3078,3080,3081,3082,3085,3086
Seq#:46; N Pos. 3087,3091,3099,3100,3103,3107,3110,3111,3112,3114,3115,3121
Seq#:46; N Pos. 3123,3125,3128,3136,3138,3140,3141,3143,3145,3147,3149



PCT09

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/856,679

DATE: 03/05/2002

TIME: 14:04:48

Input Set : A:\es.txt

Output Set: N:\CRF3\03052002\I856679.raw

**Does Not Comply
Corrected Diskette Needed**

4 <110> APPLICANT: INCYTE PHARMACEUTICALS, INC.
 5 HILLMAN, Jennifer L.
 6 TANG, Y. Tom
 7 BANDMAN, Olga
 8 LAL, Preeti
 9 YUE, Henry
 10 LU, Dyung Aina M.
 11 BAUGHN, Mariah R.
 12 YANG, Junming
 13 AZIMZAI, Yalda
 15 <120> TITLE OF INVENTION: GTPASE ASSOCIATED PROTEINS
 17 <130> FILE REFERENCE: PF-0629 PCT
 C--> 19 <140> CURRENT APPLICATION NUMBER: US/09/856,679
 C--> 20 <141> CURRENT FILING DATE: 2002-01-23
 22 <150> PRIOR APPLICATION NUMBER: 60/109,592; 60/118,610; 60/127,990
 W--> 23 <151> PRIOR FILING DATE: 1998-11-23; 1999-02-04; 1999-04-06
 25 <160> NUMBER OF SEQ ID NOS: 58
 27 <170> SOFTWARE: PERL Program

*each item goes
on a
separate line*

ERRORED SEQUENCES

3578 <210> SEQ ID NO: 58
 3579 <211> LENGTH: 2617
 3580 <212> TYPE: DNA
 3581 <213> ORGANISM: Homo sapiens
 3583 <220> FEATURE:
 3585 <223> OTHER INFORMATION: Incyte ID No: 4031536CB1
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 3590 caaaagagcc tctaccacat caaactgtga tgaggatatt tagcattagc atcattgccc 180
 3591 aaggcctccc tttttgtcga agacggatga aaagaaagtt ggaccatggt tctgaggtcc 240
 3592 gctctttttc tttgggaaag aaacctatgca aagtctcaga atatacaagt accactgggc 300
 3593 ttgtaccatg ttcagcaaca ccaacaactt ttggggacct cagagcagcc aatggccaag 360
 3594 ggcaacaacg acgccgaatt acatctgtcc agccacctac aggcctccag gaatggctaa 420
 3595 aaatgtttca gagctggagt ggaccagaga aattgcttgc tttagatgaa ctcattgata 480
 3596 gttgtgaacc aacacaagta aaacatatga tgcaagtgat agaaccacag tttcaacgag 540
 3597 acttcatttc attgtctcct aaagagttgg cactctatgt gctttcattc ctggaacca 600
 3598 aagacctgct acaagcagct cagacatgct gctactggag aattttggct gaagacaacc 660
 3599 ttctctggag agagaaatgc aaagaagagg ggattgatga accattgcac atcaagagaa 720
 3600 gaaaagtaat aaaaccaggt ttcatacaca gtccatggaa aagtgcatac atcagacagc 780
 3601 acagaattga tactaactgg aggcgaggag aactcaaadc tcctaagggt ctgaaaggac 840

RAW SEQUENCE LISTING

DATE: 03/05/2002

PATENT APPLICATION: US/09/856,679

TIME: 14:04:49

Input Set : A:\es.txt

Output Set: N:\CRF3\03052002\I856679.raw

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3603 atgacaacac tttaaaagtt tggtcagcag tcacaggcaa atgtctgaga acattagtgg 960
3604 gacatacagg tggagtatgg tcatcacaaa tgagagacaa catcatcatt agtggatcta 1020
3605 cagatcggac actcaaagtg tggaaatgcag agactggaga atgtatacac accttatatg 1080
3606 ggcatacttc cactgtgcgt tgtatgcac ttcataaaaa aagagttggt agcgggttctc 1140
3607 gagatgccac tcttaggggt tgggatattg agacaggcca gtgtttacat gttttgatgg 1200
3608 gtcattgttc agcagtcgcg tgtgttcaat atgatggcag gagggttgtt agtggagcat 1260
3609 atgattttat ggtaaagggt tgggatccag agactgaaac ctgtctacac acgttgcagg 1320
3610 ggcatactaa tagagtctat tcattacagt ttgatggtat ccatgtggtg agtggatctc 1380
3611 ttgatacatc aatccgtggt tgggatgtgg agacagggaa ttgcattcac acgttaacag 1440
3612 ggcaccagtc gttacaaggt ggaatggaac tcaaagacaa tattcttgtc tctgggaatg 1500
3613 cagattctac agttaaagtc tgggatatca aaacaggaca gtgtttacaa acattgcaag 1560
3614 gtcccaacaa gcatcagagt gctgtgacct gtttacagtt caacaagaac tttgtaatta 1620
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3617 acacaaaagct ggtgtgtgca gttgggagtc ggaatgggac tgaagaaacc aagctgctgg 1800
3618 tgctggactt tgatgtggac atgaagtga gagcagaaaa gatgaatttg tccaattgtg 1860
3619 tagacgatat actccctgcc cttccccctg caaaaagaaa aaaagaaaag aaaaagaaaa 1920
3620 aaatcccttg ttctcagtg tgcaggatgt tggcttgggg caacagattg aaaagacct 1980
3621 cagactaaga aggaaaagaa gaagagatga caaaccataa ctgacaagag aggcgtctgc 2040
3622 tgtctcatca cataaaaggc ttcacttttg actgagggca gctttgcaa atgagacttt 2100
3623 ctaaatcaaa ccaggtgcaa ttatttcttt attttcttct ccagtggtca ttgggcagtg 2160
3624 ttaatgctga aacatcatta cagattctgc tagcctgttc ttttaccact gacagctaga 2220
3625 cacctagaaa ggaactgcaa taatatcaaa acaagtactg gttgactttc taattagaga 2280
3626 gcatctgcaa caaaaagtc tttttctgga gtggaaaagc ttaaaaaaat tactgtgaat 2340
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3628 tcaatcaatc acagtattag cctctgttaa tctatttact gttgcttcca tatacattct 2460
3629 tcaatgcata tgttgctcaa aggtggcaag ttgtcctggg ttctgtgagt cctgagatgg 2520
3630 atttaattct tgatgctggg gctagaagta ggtcttcaaa tatgggattg ttgtcccaac 2580
3631 cctgtactgt actccagtg gccaaaacta tttatgct 2617

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W--> 3638 PF-0629 PCT

E--> 3643 3/

delete

VERIFICATION SUMMARY

DATE: 03/05/2002

PATENT APPLICATION: US/09/856,679

TIME: 14:04:50

Input Set : A:\es.txt

Output Set: N:\CRF3\03052002\I856679.raw

L:19 M:270 C: Current Application Number differs, Replaced Current Application Number
L:20 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:23 M:256 W: Invalid Numeric Header Field, Wrong Prior FILING DATE:YYYY-MM-DD
L:2503 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34
L:2982 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:3033 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:3034 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:46
L:3638 M:334 W: (2) Invalid Amino Acid in Coding Region, NUMBER OF INVALID KEYS:2
L:3643 M:254 E: No. of Bases conflict, LENGTH:Input:0 Counted:2618 SEQ:58
L:3643 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2
L:3643 M:252 E: No. of Seq. differs, <211>LENGTH:Input:2617 Found:2618 SEQ:58